

Mohammad Hassani

(949) 299 8979 • hassani@chapman.edu • <https://github.com/parsa-cu>

Confident and articulate individual with commended ability to work with others to achieve set outcomes. Young yet mature student with developed employability skills and personal attributes that support the balance of education and employment. Leadership and communication skills developed and demonstrated through engagement in clubs and projects. Key strengths include strong attention to detail, good communication skills, and willingness to learn and develop professionally.

EDUCATION

Chapman University, Orange, CA

Bachelor of Science in Software Engineering with a minor in Business and Economics

Anticipated Graduation: May 2023

3.8 GPA

RELEVANT COURSES

- Jira, Confluence, and Postman
- React Native
- Pandas and SQL
- ArcGIS and Data Visualization

SKILLS & INSTRUMENTATION

Software Experience

- Advance in Python, Java, Javascript
- Experience in agile work environment
- Experience in App Development with React Native
- Experience with Jira, confluence, and other agile product management software

RELEVANT LEADERSHIP EXPERIENCE

Irvine Cubesat

December 2017 – June 2019

- Helped launch Irvine-01 and Irvine-02 satellites to space in partnership with Rocket Lab and NASA's CubeSat Launch Initiative
- Mentored a team of 10 to program solar panels and batteries of the satellite
- Delivered and oral presentation to Irvine City Council for future CubeSat launches.

RESEARCH AND RELEVANT WORK EXPERIENCE

Alcon, Lake Forest, CA

June 2022 - August 2022

Alcon Digital Software Engineering Intern

- Create an app for optometrists to track patient visits. Use of React Native, API, and Xcode.
- Work with frontend and backend to create a cohesive app with API calls to website.
- Work with a group and track progress through agile development methods.

Chapman University, Orange, CA, Data Scientist Assistant

August 2020 – April 2021

Growth of Commercial Chia Seeds in the US, Dr. Hagop Atamian, Dr. Tom Piechota, Research Assistant

- Analyze precipitation data from NOAA and other sources to find suitable locations for chia seed growing.
- Use various languages, such as Python, Tableau, and NumPy to achieve goals.
- Self-lead problem-solving to achieve goals by deadline. Work with others to meet deadlines.
- Published paper: <https://www.mdpi.com/2073-4395/12/7/1651>

Chapman University, Orange, CA

January 2022 - April 2022

DriveQuest app development, Software UI Lead

- Create new app for the company, DriveQuest from scratch in React Native/Expo environment.
- Take lead in front-end development team.
- Work with company owner and back-end to make cohesive app.

Chapman University, Orange, CA

January 2020 - March 2020

Artificial Intelligence Syria Paper Research Assistant, Dr. Jonathan Hersh & Dr. Andrea Matranga, Research Assistant

- Help test algorithm for prediction modeling in areas of conflict in Syria.
- Analyze new satellite imagery to create the most accurate model prediction.
- Work with professors from around the world, as well as other Research Advisors to deliver results in a timely manner